

~~TOP SECRET~~**PRIORITY**

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TOT: 20 2024Z

~~TOP SECRET~~ 021904Z

8 JUL 1951

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CORONA M/J

SUBJECT: MISSION INFORMATION POTENTIAL

HFS

CS

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FILE

1. RECONNAISSANCE PHOTOGRAPHIC MISSIONS ARE FLOWN TO RECORD INTELLIGENCE INFORMATION. THE DETERMINATION OF WHETHER OR NOT THIS HAS BEEN SUCCESSFULLY ACCOMPLISHED ON ANY GIVEN MISSION, AND THE DEGREE TO WHICH IT HAS BEEN ACCOMPLISHED, IS A VERY CONTROVERSIAL TOPIC, AND MAY VARY SHARPLY DEPENDING ON THE USER, HIS EXPERIENCE AND EXPECTATIONS. NONETHELESS, IT IS FELT THAT SOME SUBJECTIVE MEASURE FOR DETERMINING "SUCCESS" IS REQUIRED. NOW THAT SEVERAL CORONA MISSIONS HAVE BEEN VIEWED AND WE HAVE ESTABLISHED CERTAIN FEASIBLE EXPECTATIONS FOR THIS PHOTOGRAPHIC SYSTEM, [] HAS ADOPTED A SET OF ARBITRARY VALUES TO EXPRESS THE RELATIVE DEGREE OF "SUCCESS" OF EACH MISSION. THESE ARBITRARY VALUES ARE NOT LIMITED TO TERMINAL VALUE, BUT CAN BE EXPANDED AS THE SYSTEM IMPROVES. IN OTHER WORDS, THEY ARE NOT BASED ON 100, BUT MAY GO BEYOND 100 AS NEEDED. IN ESSENCE, THESE VALUES WHEN PLOTTED AS A GRAPH GIVE A GRAPHIC PICTURE OF: (1) APPARENT INDIVIDUAL MISSION INFORMATION POTENTIAL, (2) THE RELATIVE "SUCCESS" OR INFORMATION POTENTIAL OF ONE MISSION TO ANOTHER.

25X1

2. THESE VALUES ARE DETERMINED SUBJECTIVELY, AND REFLECT THE BEST APPARENT PHOTOGRAPHIC QUALITY FOUND WITHIN THE MISSION, EVEN THOUGH IT MAY BE LIMITED TO A FEW FRAMES. IN OTHER WORDS,

TOP SECRETGRC
Excluded from 25X1
downgrading and
declassification

2.

THIS IS CONSIDERED THE MAXIMUM POTENTIAL OF THE MISSION IN QUESTION - HENCE THE MISSION'S INFORMATION POTENTIAL (MIP). THE MIP DOES NOT INDICATE THE SUCCESS OF THE MISSION IN TARGETS COVERED.

3. ON SUBSEQUENT CABLES THE MIP FOR "M" AND "J" EFFORTS WILL BE INCLUDED UNDER "REMARKS". IT MUST BE REALIZED THAT THE MIP VALUE ASSIGNED AT THE TIME OF THE 42 IS THE EVALUATION OF AN EXPERIENCED ANALYST BASED UPON A VERY QUICK REVIEW OF THE MISSION. IT IS POSSIBLE THAT UPON DETAILED STUDY THIS VALUE WOULD NEED ADJUSTMENT, ALTHOUGH TO DATE THE INITIAL MIP VALUE HAS REMAINED VALID.

25X1

25X1

ENUMERATED BELOW ARE MIP VALUES AND ASSOCIATED DATA FOR PRIOR MISSIONS:

MISSION	CAMERA TYPE	FILM TYPE	MIP
	(SEE NOTE)		
9009	1	1188	20
9013	2	1188	30
9017	2	S0 130	45
9019	2	S0 130	45
9023	3	S0 132	65
9022	3	S0 132	65
9025	3	S0 132	55
9028	2	S0 130	50
9029	3	S0 130	70
		S0 132	75

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3.

9031	4	S0 132	70
9032	4	S0 132	85
9035	4	S0 132	75
9037	4	S0 132	80
9038	4	S0 132	85
9039	4	S0 132	85
9040	4	S0 132	75
4041	4	S0 132	85
9044	4	S0 132	85
9043	4	S0 132	85
9045	4	S0 132	80
9047	4	S0 132	80
9048	4	S0 132	80
9050	4	S0 132	80 (12 FILTER)
			85 (21 FILTER)
9051	4	S0 132	80
9053	4	S0 132	90
9054	4	S0 132	80

NOTE: 1 C
2 C PRIME
3 C TRIPLE PRIME
4 C TRIPLE PRIME SQUARED.

T O P S E C R E T

END OF MESSAGE

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